

cargo fuel, other contents, and superstructure. If your primary extinguishing agent is foam or water, you must identify resources in your plan that are able to pump, for a minimum of 20 minutes, at least 0.016 gallons per minute per square foot of the deck area of your vessel, or an appropriate rate for spaces that this rate is not suitable for and if needed, an adequate source of foam. These resources described are to be supplied by the resource provider, external to the vessel's own firefighting system.

(h) *Ensuring the proper subsurface product removal.* You must have subsurface product removal capability if your vessel(s) operates in waters of 40 feet or more. Your resource provider must have the capability of removing bulk liquid cargo and fuel from your sunken vessel to a depth equal to the maximum your vessel operates in up to 150 feet.

[USCG-1998-3417, 73 FR 80649, Dec. 31, 2008; 74 FR 7648, Feb. 19, 2009; USCG-2010-0351, 75 FR 36285, June 25, 2010; USCG-2008-1070, 78 FR 60124, Sept. 30, 2013]

§ 155.4032 Other resource provider considerations.

(a) *Use of resource providers not listed in the VRP.* If another resource provider, not listed in the approved plan for the specific service required, is to be contracted for a specific response, justification for the selection of that resource provider needs to be provided to, and approved by, the FOSC. Only under exceptional circumstances will the FOSC authorize deviation from the resource provider listed in the approved vessel response plan in instances where that would best affect a more successful response.

(b) *Worker health and safety.* Your resource providers must have the capability to implement the necessary engineering, administrative, and personal protective equipment controls to safeguard their workers when providing salvage and marine firefighting services, as found in 33 CFR 155.1055(e) and 29 CFR 1910.120(q).

§ 155.4035 Required pre-incident information and arrangements for the salvage and marine firefighting resource providers listed in response plans.

(a) You must provide the information listed in §§155.1035(c), 155.1040(c), and 155.5035(c) to your salvage and marine firefighting resource providers.

(b) *Marine firefighting pre-fire plan.* (1) You must prepare a vessel pre-fire plan in accordance with NFPA 1405, Guide for Land-Based Firefighters Who Respond to Marine Vessel Fires, Chapter 9 (Incorporation by reference, see §155.140). If the planholder's vessel pre-fire plan is one that meets another regulation, such as SOLAS Chapter II-2, Regulation 15, or international standard, a copy of that specific fire plan must also be given to the resource provider(s) instead of the NFPA 1405 pre-fire plan, and be attached to the VRP.

(2) The marine firefighting resource provider(s) you are required to identify in your plan must be given a copy of the plan. Additionally, they must certify in writing to you that they find the plan acceptable and agree to implement it to mitigate a potential or actual fire.

(3) If a marine firefighting resource provider subcontracts to other organizations, each subcontracted organization must also receive a copy of the vessel pre-fire plan.

[USCG-1998-3417, 73 FR 80649, Dec. 31, 2008, as amended by USCG-2010-0351, 75 FR 36285, June 25, 2010; USCG-2008-1070, 78 FR 60124, Sept. 30, 2013]

§ 155.4040 Response times for each salvage and marine firefighting service.

(a) You must ensure, by contract or other approved means, that your resource provider(s) is capable of providing the services within the required timeframes.

(1) If your vessel is at the pier or transiting a COTP zone within the continental United States (CONUS), the timeframes in Table 155.4030(b) apply as listed.

(2) If your vessel is at the pier or transiting a COTP zone outside the continental United States (OCONUS), the timeframes in Table 155.4030(b) apply as follows:

(i) Inland waters and nearshore area timeframes apply from the COTP city out to and including the 12 mile point.

(ii) Offshore area timeframes apply from 12 to 50 miles outside the COTP city.

(3) If your vessel transits within an OCONUS COTP zone that is outside the areas described in paragraph (a)(2) of this section, but within the inland waters or the nearshore or offshore area, you must submit in writing, in your plan, the steps you will take to address salvage and marine firefighting needs in the event these services are required.

(b) The timeframe starts when anyone in your response organization receives notification of a potential or actual incident. It ends when the service reaches the ship, the outer limit of the nearshore area, the outer limit of the offshore area, the 12 or 50-mile point from the COTP city, or a point identified in your response plan for areas OCONUS.

(c) Table 155.4040(c) provides additional amplifying information for vessels transiting within the nearshore and offshore areas of CONUS or within 50 miles of an OCONUS COTP city.

TABLE 155.4040(c)—RESPONSE TIMEFRAME END POINTS

Service	Response timeframe ends when
(1) Salvage:	
(i) Remote assessment and consultation.	Salvor is in voice contact with Qualified Individual (QI)/Master/Operator.
(ii) Begin assessment of structural stability.	A structural assessment of the vessel has been initiated.
(iii) On-site salvage assessment ..	Salvor on board vessel.
(iv) Assessment of structural stability.	Initial analysis is completed. This is a continual process, but at the time specified an analysis needs to be completed.
(v) Hull and bottom survey	Survey completed.
(vi) Emergency towing	Towing vessel on scene.
(vii) Salvage plan	Plan completed and submitted to Incident Commander/Unified Command.
(viii) External emergency transfer operations.	External pumps on board vessel.
(ix) Emergency lightering	Lightering equipment on scene and alongside.
(x) Other refloating methods	Salvage plan approved & resources on vessel.
(xi) Making temporary repairs	Repair equipment on board vessel.
(xii) Diving services support	Required support equipment & personnel on scene.
(xiii) Special salvage operations plan.	Plan completed and submitted to Incident Commander/Unified Command.
(xiv) Subsurface product removal	Resources on scene.
(xv) Heavy lift ¹	Estimated.
(2) Marine firefighting:	
(i) Remote assessment and consultation.	Firefighter in voice contact with QI/Master/Operator.
(ii) On-site fire assessment	Firefighter representative on site.
(iii) External firefighting teams	Team and equipment on scene.
(iv) External vessel firefighting systems.	Personnel and equipment on scene.

¹ Heavy lift services are not required to have definite hours for a response time. The planholder must still contract for heavy lift services, provide a description of the heavy lift response and an estimated response time when these services are required, however, none of the timeframes listed in the table in § 155.4030(b) will apply to these services.

(d) *How to apply the timeframes to your particular situation.* To apply the timeframes to your vessel's situation, follow these procedures:

(1) Identify if your vessel operates CONUS or OCONUS.

(2) If your vessel is calling at any CONUS pier or an OCONUS pier within 50 miles of a COTP city, you must list the pier location by facility name or city and ensure that the marine firefighting resource provider can reach

the locations within the specified response times in Table 155.4030(b).

(3) If your vessel is transiting within CONUS inland waters, nearshore or offshore areas or the Great Lakes, you must ensure the listed salvage and marine firefighting services are capable of reaching your vessel within the appropriate response times listed in Table 155.4030(b).

(4) If your vessel is transiting within 12 miles or less from an OCONUS COTP

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city, you must ensure the listed salvage and marine firefighting services are capable of reaching a point 12 miles from the harbor of the COTP city within the nearshore area response times listed in Table 155.4030(b).

(5) If your vessel is transiting between 12 and 50 miles from an OCONUS COTP city, you must ensure the listed salvage and marine firefighting services are capable of reaching a point 50 miles from the harbor of the COTP city within the offshore area response times listed in Table 155.4030(b).

(6) If your vessel transits inland waters or the nearshore or offshore areas OCONUS, but is more than 50 miles from a COTP city, you must still contract for salvage and marine firefighting services and provide a description of how you intend to respond and an estimated response time when these services are required, however, none of the time limits listed in Table 155.4030(b) will apply to these services.

§ 155.4045 Required agreements or contracts with the salvage and marine firefighting resource providers.

(a) You may only list resource providers in your plan that have been arranged by contract or other approved means.

(b) You must obtain written consent from the resource provider stating that they agree to be listed in your plan. This consent must state that the resource provider agrees to provide the services that are listed in §§ 155.4030(a) through 155.4030(h), and that these services are capable of arriving within the response times listed in Table 155.4030(b). This consent may be included in the contract with the resource provider or in a separate document.

(c) This written consent must be available to the Coast Guard for inspection. The response plan must identify the location of this written consent, which must be:

(1) On board the vessel; or

(2) With a qualified individual located in the United States.

(d) Public marine firefighters may only be listed out to the maximum extent of the public resource's jurisdiction, unless other agreements are in place. A public marine firefighting re-

source may agree to respond beyond their jurisdictional limits, but the Coast Guard considers it unreasonable to expect public marine firefighting resources to do this.

§ 155.4050 Ensuring that the salvors and marine firefighters are adequate.

(a) You are responsible for determining the adequacy of the resource providers you intend to include in your plan.

(b) When determining adequacy of the resource provider, you must select a resource provider that meets the following selection criteria to the maximum extent possible:

(1) *Resource provider* is currently working in response service needed.

(2) *Resource provider* has documented history of participation in successful salvage and/or marine firefighting operations, including equipment deployment.

(3) *Resource provider* owns or has contracts for equipment needed to perform response services.

(4) *Resource provider* has personnel with documented training certification and degree experience (Naval Architecture, Fire Science, etc.).

(5) *Resource provider* has 24-hour availability of personnel and equipment, and history of response times compatible with the time requirements in the regulation.

(6) *Resource provider* has on-going continuous training program. For marine firefighting providers, they meet the training guidelines in NFPA 1001, 1005, 1021, 1405, and 1561 (Incorporation by reference, see § 155.140), show equivalent training, or demonstrate qualification through experience.

(7) *Resource provider* has successful record of participation in drills and exercises.

(8) *Resource provider* has salvage or marine firefighting plans used and approved during real incidents.

(9) *Resource provider* has membership in relevant national and/or international organizations.

(10) *Resource provider* has insurance that covers the salvage and/or marine firefighting services which they intend to provide.